February 10, 2022

The Honorable Elizabeth Warren
United States Senate
309 Hart Senate Office Building
Washington, D.C. 20510-2106

Dear Senator Warren:

Bitdeer Inc. ("Bitdeer") received your letter dated January 27, 2022 and is pleased to provide information about bitcoin mining. We also appreciate the opportunity to share information about Bitdeer and our operations in the United States.

Bitdeer Technologies Holding Company ("Bitdeer Group"), based in Singapore and founded in 2018, is the world's leading provider of digital asset mining services. Bitdeer Inc. is a North American subsidiary of Bitdeer Group. Since its founding, the company has been committed to providing comprehensive digital asset mining solutions for customers. Bitdeer Inc. primarily specializes in mining datacenter development, leading this arm of Bitdeer Group's business. The mining datacenter operations include miner procurement, transport logistics, miner repair and maintenance, and power management. Our mining datacenters in North America, as well as other locations globally, are all in compliance with local regulations.

Bitdeer Group first expanded to the U.S. market in 2018 when it opened one of the first North American bitcoin mining datacenters in Pangborn, Washington. Bitdeer's Pangborn facility runs entirely on clean hydroelectricity and one-third of our employees there have worked with Bitdeer since Day One.

As of September 30, 2021, we have three mining facilities in the U.S.: Pangborn, WA (13 MW); Knoxville, TN (60 MW); and Rockdale, TX (170 MW). Our mining facilities are expected to increase by 0MW, 26MW, and 572MW respectively, reaching 841 MW of total capacity by the end of 2022. We anticipate developing additional Texas-based data centers with an approximate aggregate capacity of 362MW in 2022.

We share your concerns about a sudden influx of miners flocking to the U.S. who, in concert with many other high-capacity load industries, might have the potential to destabilize the grid and negatively impact power costs for residential customers. That is why Bitdeer's existing operations and expansion in the U.S. have been designed to actively mitigate these concerns in three ways.

Repurposing Electrical Infrastructure

First, during the site development process, Bitdeer pursues locations with existing electrical infrastructure suited to receive high-capacity electrical loads. At our Rockdale, TX datacenter, we retrofitted a former Alcoa aluminum smelter. Although the plant ceased operations in 2005, the

transmission service providers in ERCOT never amended their plans to service a high-capacity load to the site. Therefore, our grid interconnection has never required that the transmission providers reroute additional electricity to our mining datacenter. As a result, we never required that ERCOT plan for additional generation capacity to service our load, demonstrating that Bitdeer, to its knowledge, neither added additional strain to the grid nor required generation from any source, fossil fuel or renewable, to be brought into production. Additionally, the opportunity to repurpose the vacant facility has redirected the financial trajectory of a community grappling with economic stagnation by creating new jobs and increasing tax revenue to the local government.

We developed our Knoxville, TN datacenter in a similar way, operating in a former Panasonic manufacturing plant. Plus, Bitdeer participates in an economic development initiative commissioned by the Tennessee Valley Authority (TVA). Through the TVA program, we have repurposed underutilized industrial infrastructure to create quality jobs in the area, demonstrating the natural synergy between job creation and utility planning related to cryptomining operations.

Software-driven Demand Response

Second, Bitdeer has developed and is deploying innovative software solutions that alleviate strain on the grid. Bitdeer utilizes real time energy market monitoring platforms to curtail our load when the grid reaches peak demand. The ability of our crypto mining facilities to respond in real time to changing conditions on the grid distinguishes Bitdeer from other sectors with high-capacity electrical consumption.

In Texas, ERCOT supports demand response programs incentivizing commercial users to curtail load during times of peak demand. Bitdeer participates in these programs, ensuring that electricity remains reliably distributed to priority customers when the grid is most strained. Bitdeer's ability to shed load also displaces the need for additional generation to come online during peak demand. This dually reduces costs and carbon emissions because most generating units used to meet the ultimate peak demand on power grids are fossil-fuel assets.

Additionally, Minerplus, Bitdeer's self-developed, integrated software platform that is used by all of our facilities, includes automated controls to hibernate miners based on user-directed criteria, such as power price thresholds. Bitdeer believes the core functionality of Minerplus will facilitate load modulation as a best practice of the mining industry, which is why we currently offer the software free of charge.

Investment in the Digital Economy

Third, to contribute to the long-term health of the grid and to the communities where we operate, Bitdeer invests in infrastructure to support the digital economy beyond the exclusive realm of cryptocurrency. For instance, Bitdeer has upgraded the electrical infrastructure that powers its data centers. These upgrades have provided immediate safeguards to the grid in the case of, among other things, extreme weather events. We have also aligned the expansion of our Rockdale datacenter with ERCOT-mandated upgrades for the electrical equipment feeding our facility. Together with other industrial

customers, we have financially contributed to these upgrades in service to both regulatory compliance and the reliability of grid infrastructure.

The United States is primed to emerge as the global epicenter for the thriving cryptomining industry. We hope that our ongoing investment in the U.S. can help the industry's value chain and that the ancillary services accompanying its growth can take place here.

We look forward to working with policymakers to continue to develop the cryptomining industry in ways that promote environmentally friendly economic development and reinforce the United States' position in the global marketplace.

Thank you for your consideration of our views.

Sincerely,

Stephanie Xia
General Manager, Bitdeer Inc.

cc: Sen. Sheldon Whitehouse
       Sen. Jeffrey A. Merkley
       Sen. Margaret Hassan
       Sen. Edward J. Markey
       Rep. Katie Porter
       Rep. Rashida Tlaib
       Rep. Jared Huffman